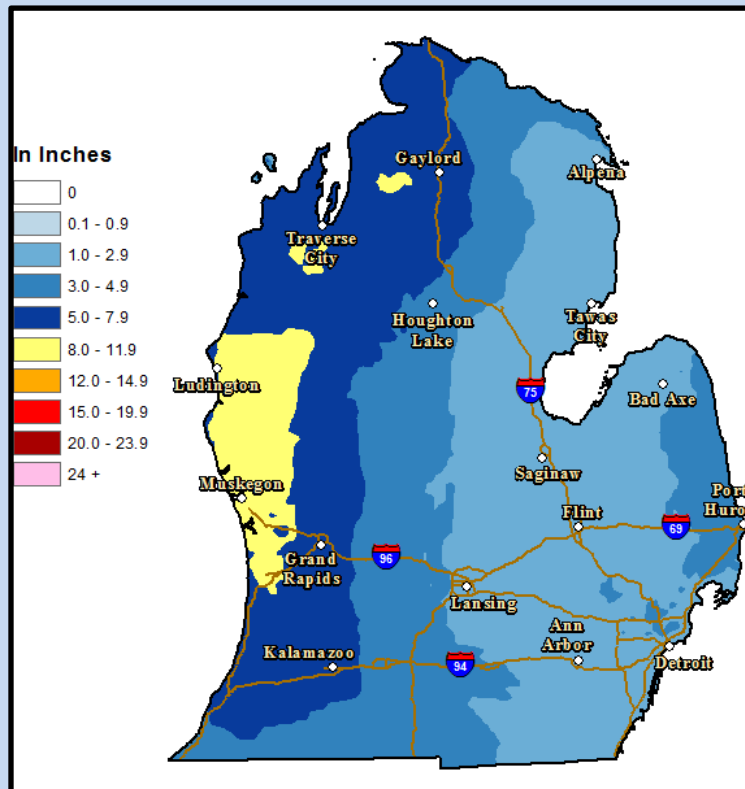




# Snow, Wind and Cold Through Tuesday



## Snow through Saturday



## Event Summary

**Very Dangerous Travel  
Through Early Saturday**

**Blizzard-Like Conditions Through Early Saturday  
Zero Visibility at Times  
Especially Near the Lake Shore**

**More Snow, Cold, Wind and Hazardous Travel  
Sunday, Monday, Tuesday**

Created: Friday, January 24, 2014 – 100 PM

**NOAA National Weather Service - Grand Rapids, Michigan**

**Website:** <http://www.weather.gov/grandrapids>

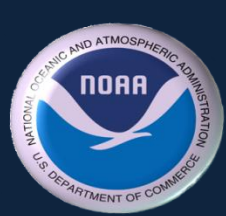
**Email:** [w-grr.webmaster@noaa.gov](mailto:w-grr.webmaster@noaa.gov)

**Phone:** 616-949-0643



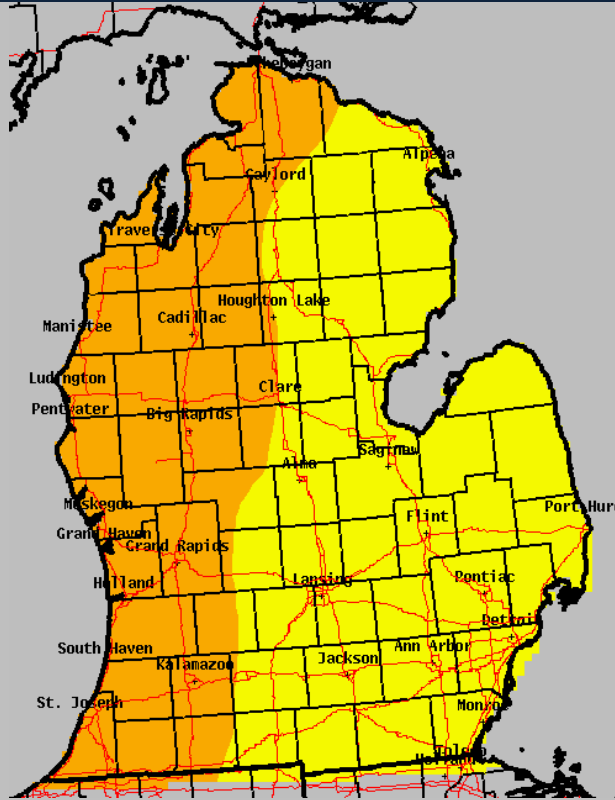
**@NWSGrandRapids**  
#wmiwx #miwx





# Winter Storm to Impact Michigan

## Through Early Saturday



**This is Rare Weather for  
Some of Lower Michigan**  
Due to the combination of snow and wind

**Impacts similar to the Snow and Blowing Snow that  
occurred earlier this month - January 5-7**

**Greatest Impacts Expected**  
Muskegon, Grand Rapids, Clare, Ludington, Holland,  
Big Rapids, Kalamazoo, Battle Creek

**Lesser Impacts Expected**  
Lansing, Jackson, Alma

**Immediate – Life Saving Action**

**Extremely Life Threatening**

Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**

Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**

Plan to Be Inconvenienced

**Little to No Action**

**Little to No Impact on Daily Life**

Plan on Minor Inconvenience

**Will This Happen?**

**Near Certain**

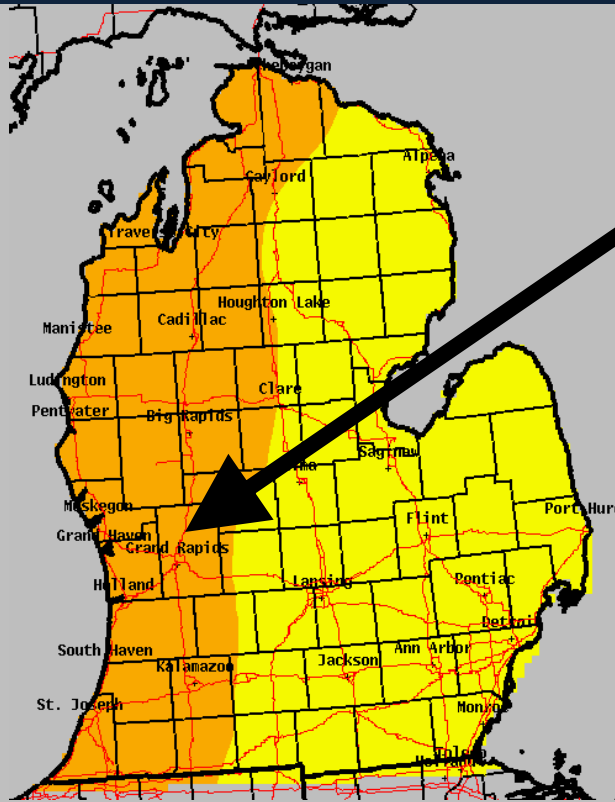


**Better than 50/50 Chance**

**Unlikely**



# Rare Winter Storm Expected Through Early Saturday



**Including: Muskegon, Grand Rapids, Clare, Ludington, Holland, Big Rapids, Kalamazoo, Battle Creek**

## Expected Impacts

Very Dangerous Travel  
Numerous Accidents, Some Closures

Blizzard-Like Conditions  
Frequent White-Outs with No Visibility  
Worst Near the Lake Shore

Cleared Roads Becoming Snow Covered  
From Blowing Snow

School/Event Cancellations  
Flight Delays

## Possible Impacts

Power Outages, Downed Weakened Trees  
Travel Delays into Sunday

## Snow

Light and Fluffy Snow  
Generally: 4 to 8 inches  
Locally: Up to 12 inches  
Higher Amounts near the lake shore

## Ice Accumulation

None Expected

## Temperatures and Wind

Temperatures in the Teens  
Very Strong Winds  
From the Southwest early Friday  
From the Northwest Friday Night

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

## Will This Happen?

Near Certain

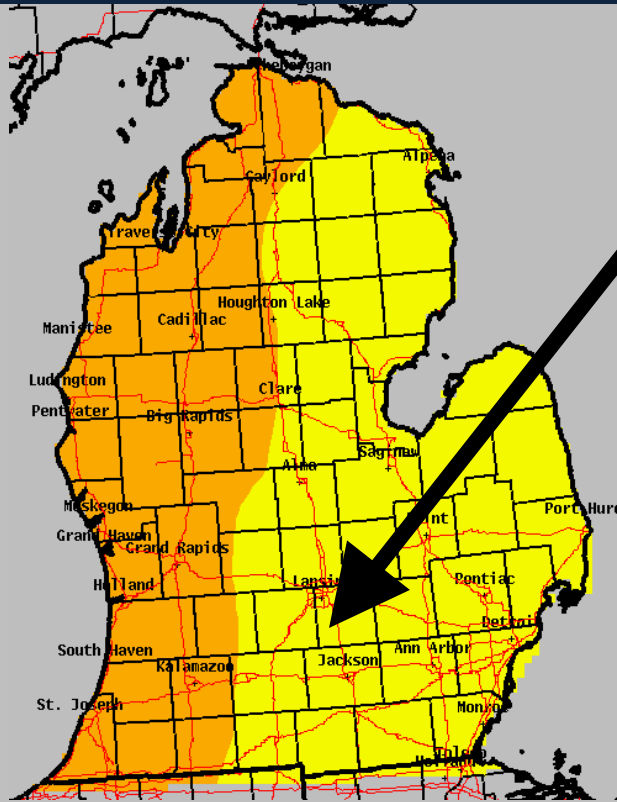


Better than 50/50 Chance

Unlikely



# Winter Weather Expected Through Early Saturday



**Including: Lansing, Jackson, Alma**

## Expected Impacts

**Dangerous Travel  
Numerous Accidents**

**White-Out Conditions at Times  
Rapid Changes in Visibility  
Visibility Less than a Few Car Lengths**

**Cleared Roads Becoming Snow Covered  
From Blowing Snow**

**School/Event Cancellations**

## Possible Impacts

**Power Outages, Downed Weakened Trees  
Flight Delays**

## Snow

**Light and Fluffy Snow  
1 to 3 Inches  
Worst Friday Evening and Friday Night**

## Ice Accumulation

**None Expected**

## Temperatures and Wind

**Temperatures in the Teens**

**Very Strong Winds  
From the Southwest early Friday  
From the Northwest Friday Night**

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

## Will This Happen?

**Near Certain**



**Better than 50/50 Chance**

**Unlikely**

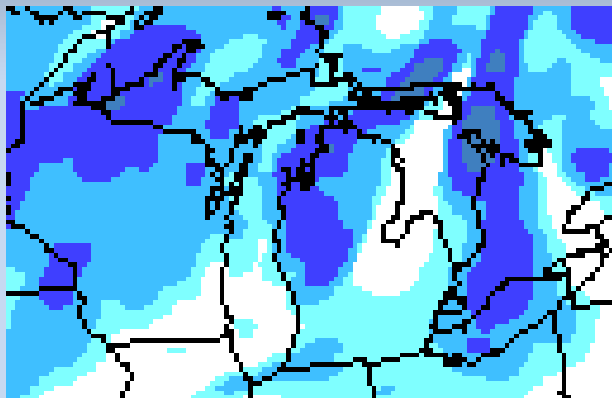


# When Winter Weather is Expected

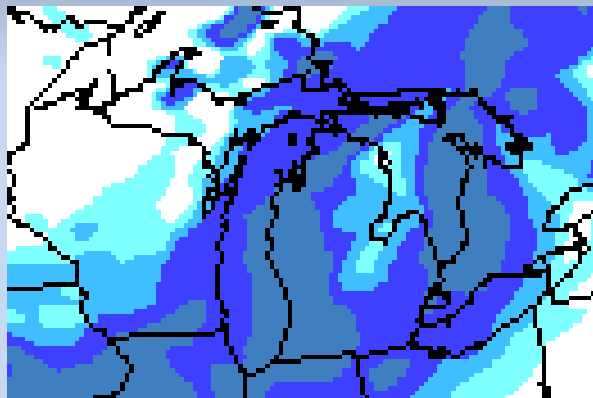
## Through Early Saturday



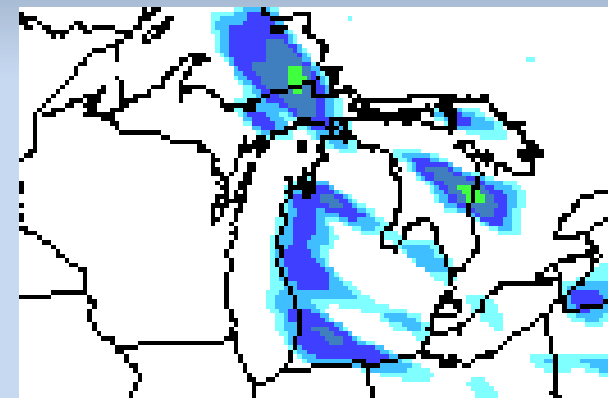
**Weather Radar Forecast  
1pm Friday**



**Weather Radar Forecast  
6pm Friday**



**Weather Radar Forecast  
6am Saturday**



<b>Starting</b>	<b>Strong Winds: Continuing</b> <b>Snow: Continuing near the lake shore, spreading inland this afternoon</b>
<b>Worst Weather Expected</b>	<b>Late This Afternoon through Tonight</b>
<b>Ending</b>	<b>For Most: Saturday Morning</b> <b>Near Lake Michigan: Snow Continues through Saturday</b>
<b>Commutes Affected</b>	<b>This Afternoon, Tonight, Saturday Morning</b>



# More Snow, Cold, Wind Expected

## Sunday through Tuesday



### Sunday and Sunday Night

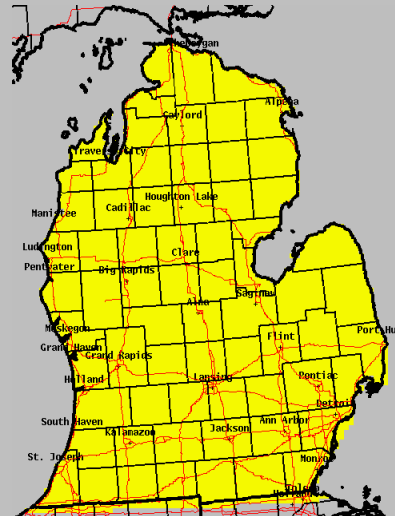
#### Expected Impacts

Hazardous Travel  
Visibility Less Than a Few Car Lengths  
Event Cancellations  
Gusty Winds  
Blowing/Drifting Snow  
Hazardous Wind Chills

Time to Frostbite from Exposure  
30 minutes or less

#### Possible Impacts

Power Outages  
Downed Weakened Trees  
Flight Delays



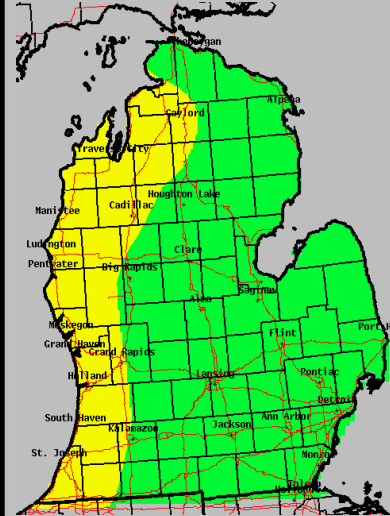
### Monday and Tuesday

#### Expected Impacts

Dangerous Travel  
Numerous Accidents  
White-Out Conditions at Times  
Rapid Changes in Visibility  
Gusty Winds  
Blowing/Drifting Snow  
School/Event Cancellations

#### Expected Impacts

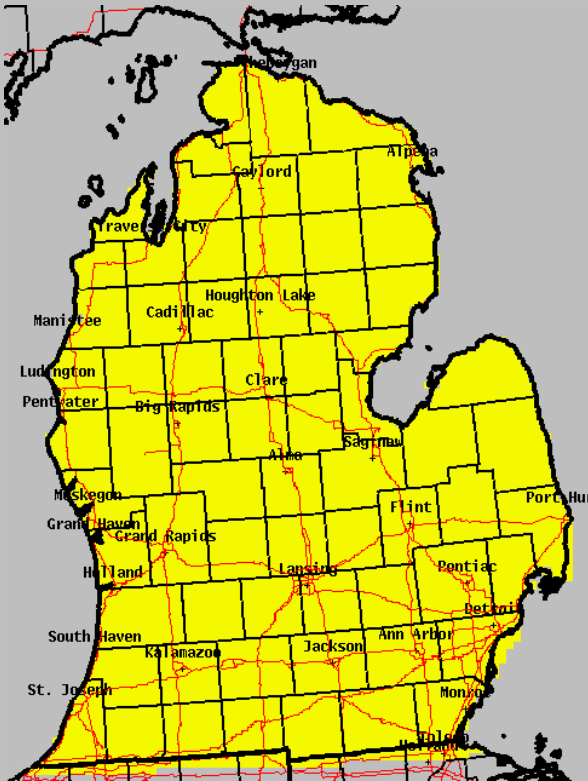
Occasional Slippery Roads  
School/Event Cancellations  
Hazardous Wind Chills  
Time to Frostbite from Exposure  
30 minutes or less





# Winter Weather Expected

## Sunday and Sunday Night



### Expected Impacts

Hazardous Travel  
Visibility Less Than a Few Car Lengths

Event Cancellations

Gusty Winds  
Blowing/Drifting Snow

Hazardous Wind Chills

Time to Frostbite from Exposure  
30 minutes or less

### Possible Impacts

Power Outages, Downed Weakened Trees  
Flight Delays

### Snow

Light and Fluffy Snow  
2 to 4 Inches  
Higher Amounts Near the Lake Shore

### Ice Accumulation

None Expected

### Temperatures and Wind

Highs: Teens    Lows: Single Digits

Gusty From the West/Southwest  
Wind Chill Values Below Zero

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

### Will This Happen?

Near Certain



Better than 50/50 Chance

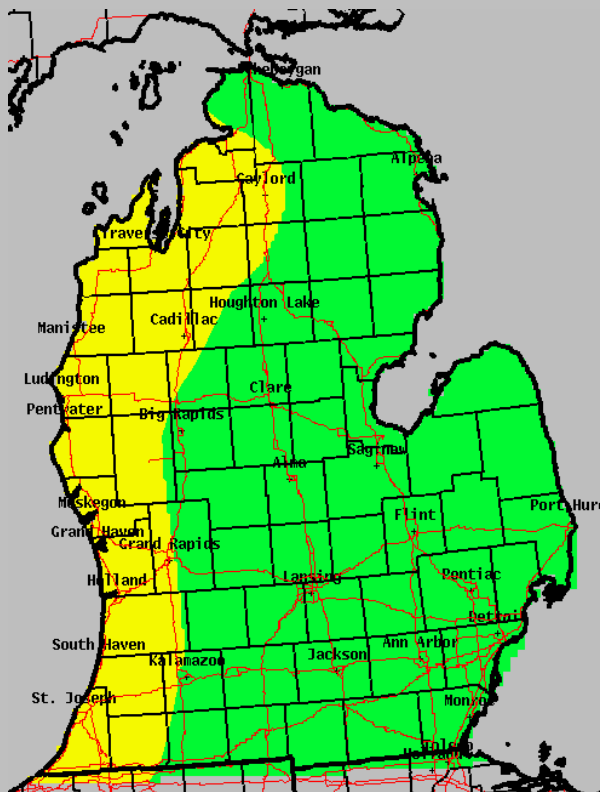
Unlikely





# Winter Weather Expected

## Monday and Tuesday



### Expected Impacts

Dangerous Travel  
Numerous Accidents

White-Out Conditions at Times  
Rapid Changes in Visibility

Gusty Winds  
Blowing/Drifting Snow

School/Event Cancellations

### Expected Impacts

Occasional Slippery Roads  
School/Event Cancellations

Dangerous Wind Chills  
Time to Frostbite from Exposure  
30 minutes or less

### Snow

Light and Fluffy Snow

Amounts Uncertain  
Highest Amounts near Lake Michigan

### Ice Accumulation

None Expected

### Temperatures and Wind

Highs: Teens    Lows: Single Digits

Gusty From the West/Southwest  
Wind Chill Values Below Zero

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

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### Will This Happen?

Near Certain

Better than 50/50 Chance

Unlikely







# For Additional Information



Links Below are Clickable in PDF File of the Briefing



## Winter Weather Briefing Slides

[www.weather.gov/grandrapids/webinars](http://www.weather.gov/grandrapids/webinars)

## Regional Weather Radar Loop

[www.weather.gov/radar](http://www.weather.gov/radar)

## Wind Chill Chart and Calculator

<http://www.nws.noaa.gov/om/windchill/>

## Hazard Summary Page

[www.crh.noaa.gov/hazards/grr](http://www.crh.noaa.gov/hazards/grr)

**NOAA National Weather Service - Grand Rapids, Michigan**

Website: <http://www.weather.gov/grandrapids>

Email: [w-grr.webmaster@noaa.gov](mailto:w-grr.webmaster@noaa.gov)

Phone: 616-949-0643



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